

RAW SEQUENCE LISTING

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Application Serial Number: 10/584, 024
Source: JFWP
Date Processed by STIC: 07/06/2006

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/584,024

DATE: 07/06/2006
TIME: 13:52:18

Input Set : A:\1187-30.st25.txt
Output Set: N:\CRF4\07062006\J584024.raw

3 <110> APPLICANT: CropDesign N.V.
 5 <120> TITLE OF INVENTION: Plants having increased yield and method for making the same
 7 <130> FILE REFERENCE: 1187-31
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/584,024
 C--> 9 <141> CURRENT FILING DATE: 2006-06-22
 9 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/053683
 10 <151> PRIOR FILING DATE: 2004-12-22
 12 <150> PRIOR APPLICATION NUMBER: US 60/532,287
 13 <151> PRIOR FILING DATE: 2003-12-22
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.3
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 1311
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Arabidopsis thaliana
 25 <220> FEATURE:
 26 <221> NAME/KEY: misc_feature
 27 <223> OTHER INFORMATION: A variant of the coding sequence of the sequence deposited under
 accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295
 31 <400> SEQUENCE: 1
 32 atgtattgct cttcttcgat gcataccaaat gcaaacaagaaaatatctc tacttcagat 60
 34 gtacaggaga gtttgcgtacg aataacgaga tcacgagcta aaaaagccat gggaaagagga 120
 36 gatatcaatac ctccaacaaa accttctttt aaacagcaaa agagacgtgc agtacttaag 180
 38 gatgtgagta atacctctgc agatattatttattcagaac ttgcggaaaggaggcaacatc 240
 40 aaggcaaaaca gaaaatgtct aaaagaggct aaaaagcag caaaaggaaagg tgctaacagt 300
 42 gccatggata ttctggtaga tatgcataca gaaaaatcaa aatttcgaga agatgttgc 360
 44 aagatcagga tggctgaagc ccaagatgtc tctcttcaa actttaaaga tgaagaaatt 420
 46 actgagcaac aagaagatgg atcagggtgtc atggagttac ttcaagttgt agatatttgat 480
 48 tccaaacgtcg aagatccaca gtgttgcagc ttgttatgtc ctgatata tgacaacata 540
 50 catgttgcag agcttcaaca acgacccttg gctaattata tggagcttgt gcagcgagat 600
 52 atcgaccctcg acatgagaaa gattctgatt gactggcttg tagaagtttc tgacgactac 660
 54 aagctggttc cagatacgct ttaccttaca gtgaatctta tcgaccgggt tctgtccaac 720
 56 agttacatttggaaaggcaag actccagctc cttgggtgtct cttgcattgtctata 780
 58 aaatatgaag agctttccgc accagggttg gaggagttt gtttcattac ggccaaacaca 840
 60 tacacaagac cagaagtgtc gagcatggag attcaaattc taaattttgt gcactttt 900
 62 ttatcggttc ctaccacca aacatttctg aggccgttca ttaaaggcagc tcaagcttcg 960
 64 tacaagggtgc ctttcatttga actggagttat ttagccaaact atctcgccga attgacactg 1020
 66 gtggaaataa gtttcctaag gttcctgcca tcactaatttgcgttcagc tggtttccata 1080
 68 gcccgttgcgactcgacca aactgaccat ctttggaaacc ctactctgtca acactacacc 1140
 70 agatatgagg tagctgagct gaagaacaca gttctcgcca tggaggactt gcagctcaac 1200
 72 accagtggct gtactctcgc tgccacccgt gagaataca accaacaaa gtttaagagc 1260
 74 gtggcaaaacgc tgacatctcc caaacgagtc acatcaactat tctcaagatg a 1311

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77 <210> SEQ ID NO: 2
 78 <211> LENGTH: 436
 79 <212> TYPE: PRT
 80 <213> ORGANISM: Arabidopsis thaliana
 83 <220> FEATURE:
 84 <221> NAME/KEY: MISC_FEATURE
 85 <223> OTHER INFORMATION: A variant of the sequence deposited under accession number
 86 NP_568248 contains an arginine instead of a proline on position
 87 284 and a phenylalanine instead of a serine on position 432
 89 <400> SEQUENCE: 2
 91 Met Tyr Cys Ser Ser Ser Met His Pro Asn Ala Asn Lys Glu Asn Ile
 92 1 5 10 15
 95 Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
 96 20 25 30
 99 Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
 100 35 40 45
 103 Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
 104 50 55 60
 107 Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
 108 65 70 75 80
 111 Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
 112 85 90 95
 115 Gly Ala Asn Ser Ala Met Asp Ile Leu Val Asp Met His Thr Glu Lys
 116 100 105 110
 119 Ser Lys Leu Ala Glu Asp Leu Ser Lys Ile Arg Met Ala Glu Ala Gln
 120 115 120 125
 123 Asp Val Ser Leu Ser Asn Phe Lys Asp Glu Glu Ile Thr Glu Gln Gln
 124 130 135 140
 127 Glu Asp Gly Ser Gly Val Met Glu Leu Leu Gln Val Val Asp Ile Asp
 128 145 150 155 160
 131 Ser Asn Val Glu Asp Pro Gln Cys Cys Ser Leu Tyr Ala Ala Asp Ile
 132 165 170 175
 135 Tyr Asp Asn Ile His Val Ala Glu Leu Gln Gln Arg Pro Leu Ala Asn
 136 180 185 190
 139 Tyr Met Glu Leu Val Gln Arg Asp Ile Asp Pro Asp Met Arg Lys Ile
 140 195 200 205
 143 Leu Ile Asp Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro
 144 210 215 220
 147 Asp Thr Leu Tyr Leu Thr Val Asn Leu Ile Asp Arg Phe Leu Ser Asn
 148 225 230 235 240
 151 Ser Tyr Ile Glu Arg Gln Arg Leu Gln Leu Leu Gly Val Ser Cys Met
 152 245 250 255
 155 Leu Ile Ala Ser Lys Tyr Glu Glu Leu Ser Ala Pro Gly Val Glu Glu
 156 260 265 270
 159 Phe Cys Phe Ile Thr Ala Asn Thr Tyr Thr Arg Pro Glu Val Leu Ser
 160 275 280 285
 163 Met Glu Ile Gln Ile Leu Asn Phe Val His Phe Arg Leu Ser Val Pro
 164 290 295 300
 167 Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser

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168	305	310	315	320
171	Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr	Leu Ala Asn Tyr	Leu Ala	
172	325	330	335	
175	Glu Leu Thr Leu Val Glu Tyr Ser	Phe Leu Arg Phe	Leu Pro Ser	Leu
176	340	345	350	
179	Ile Ala Ala Ser Ala Val Phe	Leu Ala Arg Trp	Thr Leu Asp Gln	Thr
180	355	360	365	
183	Asp His Pro Trp Asn Pro	Thr Leu Gln His	Tyr Thr Arg Tyr	Glu Val
184	370	375	380	
187	Ala Glu Leu Lys Asn	Thr Val Leu Ala Met	Glu Asp Leu Gln	Leu Asn
188	385	390	395	400
191	Thr Ser Gly Cys	Thr Leu Ala Ala	Thr Arg Glu Lys	Tyr Asn Gln Pro
192	405	410	415	
195	Lys Phe Lys Ser Val Ala Lys	Leu Thr Ser Pro	Lys Arg Val	Thr Ser
196	420	425	430	
199	Leu Phe Ser Arg			
200	435			
203	<210> SEQ ID NO: 3			
204	<211> LENGTH: 654			
205	<212> TYPE: DNA			
206	<213> ORGANISM: Oryza sativa			
208	<400> SEQUENCE: 3			
209	cttctacatc ggcttaggtg tagcaacacg actttattat tattattatt attattatta		60	
211	ttatttaca aaaatataaa atagatcagt ccctcaccac aagttagagca agttggtag		120	
213	ttattgtaaa gttctacaaa gctaatttaa aagtattgc attaacttat ttcatattac		180	
215	aaacaagagt gtcaatggaa caatgaaaaac catatgacat actataattt tgttttatt		240	
217	attgaaatta tataattcaa agagaataaa tccacatgc cgtaaaggtc tacatgttgt		300	
219	gcattaccaa aatatataa gcttacaaa catgacaagc tttagttgaa aaattgcaat		360	
221	ccttattcaca ttgacacata aagttagtga tgagtcataa tattattttc tttgctaccc		420	
223	atcatgtata tatgatagcc acaaaggta tttgatgatg atatcaaaga acatttttag		480	
225	gtgcaccta cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt		540	
227	aaaactaaca ctctaaagca accgatggaa aagcatctat aaatagacaa gcacaatgaa		600	
229	aatcctcattc atccttcacc acaattcaaa tattatagtt gaagcatagt agta		654	
232	<210> SEQ ID NO: 4			
233	<211> LENGTH: 56			
234	<212> TYPE: DNA			
235	<213> ORGANISM: Artificial sequence			
237	<220> FEATURE:			
238	<223> OTHER INFORMATION: primer PRM582			
240	<400> SEQUENCE: 4			
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244	<210> SEQ ID NO: 5			
245	<211> LENGTH: 52			
246	<212> TYPE: DNA			
247	<213> ORGANISM: Artificial sequence			
249	<220> FEATURE:			
250	<223> OTHER INFORMATION: primer PRM583			
252	<400> SEQUENCE: 5			
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date